What is claimed is:

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A cyclosporin analog of formula (I) or a pro-drug or a pharmaceutically 1. acceptable salt thereof:

---B---Sar-MeLeu-Val\MeLeu-Ala---U---MeLeu-MeLeu-MeVal -1

(I)

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wherein,

A is of the formula: (a)

> (R) Me^m Йе

wherein

Χ

is absent, -C1-C6 alkyl-, or -C3-C6 cycloalkyl-;

Υ

is selected from the group consisting of: i.

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-C(O)-O-R1 where R1 is hydrogen, C1-C6 alkyl optionally substituted with halogen, heterocyclics aryl, C1-C6 alkoxy or C1-C6 alkylthio, halogen substituted C1-C6 alkoxy, halogen substituted C1-C6 alkylthio;

-C(O)-S-R1 where R1 is hydrogen, C1-C6 alkyl ii. optionally substituted with halogen, heterocyclics, aryl, C1-C6 alkoxy or C1-C6 alkylthio, halogen substituted C1-C6 alkoxy, halogen substituted C1-C6 alkylthio;

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-C(O)-OCH ₂ -OC(O)R2 where R2 is C1-C6 alkyl
optionally substituted with halogen, C1-C6
alkoxy, C1-C6 alkylthio, heterocyclics or aryl;

- iv. -C(S)-O-R1 where R1 is hydrogen, C1-C6 alkyl optionally substituted with halogen, heterocyclics, aryl, C1-C6 alkoxy or C1-C6 alkylthio, halogen substituted C1-C6 alkoxy, halogen substituted C1-C6 alkylthio; and
- v. C(S)-S-R1 where R1 is hydrogen, C1-C6 alkyl optionally substituted with halogen, heterocyclics, aryl, C1-C6 alkoxy or C1-C6 alkylthio, halogen substituted C1-C6 alkoxy, halogen substituted C1-C6 alkylthio.
- (b) B is $-\alpha$ Abu-, -Val-, -Thr- or -Nva-; and
- (c) U is -(D)Ala-, -(D)Ser- or -[O-(2-hydroxyethyl)(D)Ser]-; or -[O-(2-acyloxyethyl)(D)Ser]-.
- A cyclosporin analog according to Claim 1 or a pro-drug or a pharmaceutically acceptable salt thereof, wherein in formula (I), B is -αAbu-, and U is -(D)Ala-.
 - A cyclosporin analog according to Claim 1 or a pro-drug or a pharmaceutically acceptable salt thereof, wherein in formula I:
 - (i) A is of the formula A1 or A2, wherein:
 - X is absent; and
 - Y is selected from a group consisting of:
 - i. -C(O)-O-R1 where R1 is hydrogen, C1-C6 alkyl optionally substituted with halogen, heterocyclics, aryl, C1-C6 alkoxy or C1-C6 alkylthio, halogen substituted C1-C6 alkoxy, halogen substituted C1-C6 alkylthio;
 - ii. -C(O)-S-R1 where R1 is hydrogen, C1-C6 alkyl optionally substituted with halogen, heterocyclics, aryl, C1-C6 alkoxy or C1-C6 alkylthio, halogen substituted C1-C6 alkoxy, halogen substituted C1-C6 alkylthio; and

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iii. C(O)-OCH₂-OC(O)R2 where R2 is C1-C6 alkyl optionally substituted with halogen, C1-C6 alkoxy, C1-C6 alkylthio, heterocyclics or aryl;

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- (ii) B is -αAbu-; and
- (iii) U is -(D)Ala-.
- 4. A cyclosporin analog according to claim 1 or a pro-drug or a pharmaceutically acceptable salt thereof, selected from the group consisting of:

Compound of Formula (I) wherein $B = -\alpha Abu$ -, U = -(D)Ala-, X is absent, Y = -COOCH₃:

Compound of Formula (I) wherein $B = -\alpha Abu$ -, U = -(D)Ala-, X is absent, Y = -COOH;

Compound of Formula (I) wherein $B = -\alpha Abu$ -, U = -(D)Ala-, X is absent, Y = -COOEt;

Compound of Formula (I) wherein $B = -\alpha Abu$ -, U = -(D)Ala-, X is absent, Y = -COOCH₂CH₂CH₃:

Compound of Formula (I) wherein $B = -\alpha Abu$ -, U = -(D)Ala-, X is absent, Y = -COOCH₂Ph;

Compound of Formula (I) wherein $B = -\alpha Abu$ -, U = -(D)Ala-, X is absent, Y = -COOCH₂F;

Compound of Formula (I) wherein B $\neq -\alpha$ Abu-, U = -(D)Ala-, X is absent, Y = -COOCHF₂;

Compound of Formula (I) wherein B = $-\alpha$ Abu-, U = -(D)Ala-, X is absent, Y = -COOCF₃;

Compound of Formula (I) wherein $B = -\infty Abu$ -, U = -(D)Ala-, X is absent, Y = -COOCH₂CF₃;

Compound of Formula (I) wherein $B = -\alpha hbu$, U = -(D)Ala, X is absent, Y

30 = -COOCH₂CI; Compound of Formula (I) wherein B = $-\alpha$ Abu-, U = -(D)Ala-, X is absent, Y = -COOCH₂OCH₃;

Compound of Formula (I) wherein $B = -\alpha Abu_1^{\dagger}$, U = -(D)Ala-, X is absent, Y = -COOCH₂OCH₂CH₂O CH₃;

Compound of Formula (I) wherein $B = -\alpha Abu$ -, U = -(D)Ala-, X is absent, Y $= -C(=O)SCH_2Ph;$ = -(D)Ala-, X is absent, Y

Compound of Formula (I) wherein $B = -\alpha Abu$ -, V = -(D)Ala-, X is - $CH_2CH_2CH_2$ -, $Y = -COOCH_3$; and

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Compound of Formula (I) wherein $B = -\alpha Abu$ -, U = -(D)Ala-, X is absent, Y = -COOFmoc.

- 5. A chemical process for preparing a cyclosporin analog of formula I as claimed in Claim 1, comprising:
 - a. reacting a compound of formula I, wherein A= -MeBmt- with:
 - i. an olefin of formula CH2=CH-X-Y, wherein X and Y are as defined in Claim 1; and
 - ii. a catalyst;
 - in the presence of a lithium salt in an organic solvent; and
 - b. hydrogenating the product of step a in an organic solvent under hydrogen with a catalyst;
 and optionally converting the product of said reaction into a pharmaceutically acceptable salt.
 - 6. The chemical process as claimed in Claim 5, wherein the catalyst in step (a) (ii) is Grubb's ruthenium alkylidene, Nolan's catalyst, a benzylidene catalyst or a molybdenum catalyst.
- 7. The chemical process as claimed in Claim 5, wherein step (b) is performed at room temperature.
 - 8. The chemical process as claimed in Claim 7, wherein the catalyst in step (b) is Palladium on carbon.
 - 9. A pharmaceutical composition, said composition comprising at least one cyclosporin analog of formula 1 as claimed in Claim 1, said cyclosporin analog being present alone or in combination with a pharmaceutically acceptable carrier or excipient.
 - 10. A method for treating diseases characterized by airflow obstruction in a subject in need of treatment which comprises the step of administering to said subject a therapeutically effective amount of at least one cyclosporin analog of formula I as claimed in Claim 1.
 - 11. The method of Claim 10, wherein said disease is asthma.

